

METHOD FOR EFFICIENT PUBLIC KEY BASED CERTIFICATION FOR MOBILE AND DESKTOP ENVIRONMENTS

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ABSTRACT

A method for forming a certificate is provided. Generally, a first public key of a first encryption type is placed in the certificate. A second public key of a second encryption type is also placed in the certificate.

- 10 The invention also provides a method for transmitting a document. Generally, the document is digitally signed. An information string is encrypted with a private key to create a signature, wherein the private key is related to a public key in a certificate, wherein the certificate comprises a first public key and a second public key, wherein the public key related to the private key is the second public key, and where the
- 15 information string contains the document. The signature is attached to the information string to create a digitally signed document.